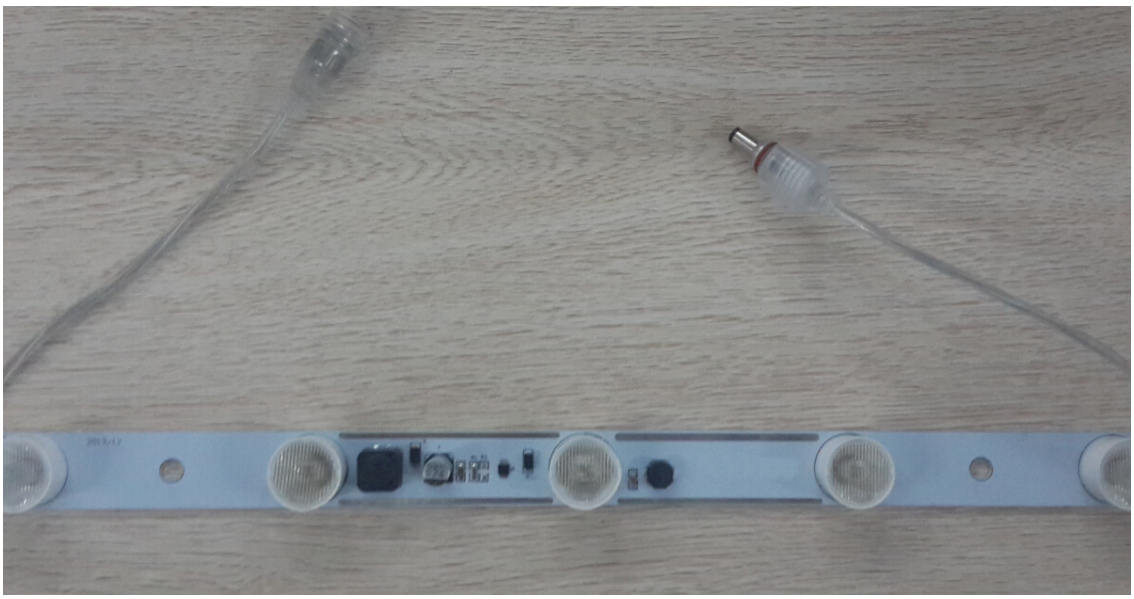
User's Manual

High Power LED Module Bar



Part No.:

CM-HPRS36-5W

CM-HPRS36-6W

CM-HPRS60-8W

CM-HPRS80-10W

CM-HPRS120-12W

CM-HPRS150-18W

2015 First Version

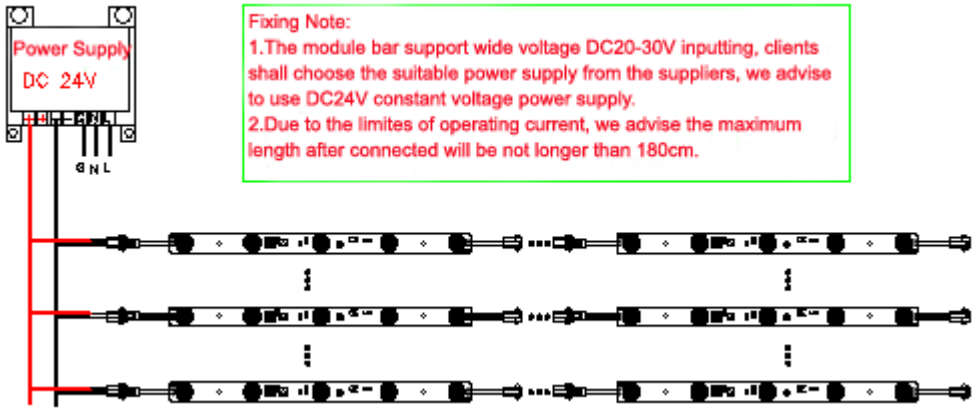
Product description

This product adopts high power Korea LG3535 LEDs as the light source, with high brightness, single brightness can reach 120lumens, aluminum alloy, high thermal conductivity of silica gel, ensure good heat dissipation, stable work, reduce the decay, the unique optical lens design, to subvert the traditional polishing method, completely solve the lighting ribs lines; a built-in constant current drive circuit, wide voltage input, installation and use more convenient. Apply to a thickness of 6 to 40 cm, width 250 cm within the single-sided or double-sided light box; double-sided light box with super save cost, low power consumption, even effect.

Product Parameters

Item/Model	CM-HPRS36-5W	CM-HPRS36-6W	CM-HPRS60-8W	CM-HPRS80-10W	CM-HPRS120-12W	CM-HPRS150-18W
Power	5W	6.5W	8.7W	11.6W	13.8W	21W
LED Qty	5pcs	6pcs	8pcs	10pcs	12pcs	18pcs
LED Type	Korea LG-3535 LEDs					
Luminous Flux	500-600LM	600-720LM	800-960LM	1000-1200LM	1200-1440LM	1800-2160LM
Lighting Color	Warm White 2800-3200K		Nature White 4500-5500K		Cool White 7000-8000K	
Input Voltage	DC24V					
Input Current	0.24A	0.27A	0.36A	0.48A	0.57A	0.87A
Length	360mm	360mm	600mm	800mm	1200mm	1500mm
Maximal Length	10pcs	9pcs	5pcs	6pcs	5pcs	3pcs
Beam Angle		20° X 70°				
Casing Material		6063 Aluminum				
Casing Color		White				
Wire Material		PVC Sheath, Copper core				
Wire Color		White				
Operating Temperature		-40~60℃				
Storage Temperature		-40~80 ℃				
Waterproof		IP20				
Warranty		2 years				

Schematic diagram of the product installation


Power Supply
DC 24V
G N L
Fixing Note:
1.The module bar support wide voltage DC20-30V inputting, clients shall choose the suitable power supply from the suppliers, we advise to use DC24V constant voltage power supply.
2.Due to the limites of operating current, we advise the maximum length after connected will be not longer than 180cm.

Product installation and Use Notes

（A) This product should avoid sharp objects touch the lamp surface during the installation process, so as to avoid bad.

（B）.Avoid using acidic glass glue or other adhesive glue to fix the products, avoid the use of acidic environment and storage of the products, so as to avoid the beads during vulcanization, affect the service life of the product.

（C）.The module bar support wide voltage DC20-30V inputting, clients shall choose the suitable power supply from the suppliers, we advise to use DC24V constant voltage power supply,and choose the proper power supply according to the number of connected LED lights; Cannot use the product directly connected to 220V power, otherwise the product will be burned.

（D）.The total power of LED lights should be less than the connected power supply’ s 80% rated power, otherwise, easy to burn the power, according to the actual series connected light quantity choice suitable thickness of connecting line, between the line and the line connecting points must be used in electrical insulation rubber covered, so as to ensure the safe use of the product!

Product Application:

Widely used in sign box, light box, advertising box, jewelry counter, as well as some other inside buildings.

(SuperLED reserves the right to explain the terms of After-sale service policy!)